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## SECURITIES AT AUCTION.

The following securities were sold yesterday at auction at the exchange rooms by Adrian H. Muller & Son:

For Account of Trustee:  
1,000 shares Horn Silver Mining Co., \$25 each, per share, \$25,000.  
2 shares Niagara Fire Insurance Co., \$50 each, per share, \$100.  
100 shares New York Fire Insurance Co., \$25 each, per share, \$2,500.  
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Following bonds and mortgages covering property, Laurence:  
Bond and mortgage of Kathryn M. Holes, balance of \$1,211, payable in installments of \$150, with interest from March 12, 1916; 3 lots; bond and mortgage of Emma Laubheimer, balance \$75, payable in installments with interest from March 12, 1916; 2 lots; bond and mortgage of John Koppenhaver, balance \$1,000, with interest from July 1, 1916; 4 lots; bond and mortgage of Isabella M. Ralph, balance \$174, with interest from June 1, 1916; 2 lots; bond and mortgage of Melissa Augusta Packer, amount due \$1,200, with interest from May 15, 1916; 1 lot; bond and mortgage of David M. Bickerton, balance due \$880, with interest from July 25, 1916; 4 lots.  
Bond and mortgage of Charles H. Wolf, balance due \$359, with interest from March 1, 1916; 3 lots; bond and mortgage of Will C. Izor, balance of \$1,157, payable in monthly installments with interest from March 1, 1916; 2 lots, \$500.  
27 shares Sanitol Chemical Laboratory Co., \$10 each, per share, \$270.

## Canadian Progress.

Following are the latest statistics of Canada's trade:  
Bank Deposits.—From Canadian public, July 1, 1916, \$1,022,818,753, an increase of \$162,000,000 over a year ago.  
Bank Clearings.—For July, 1916, \$877,000,000, an increase of 48.8 per cent over July, 1915, and 44.5 per cent increase for the year to date.

## Railway Earnings.—For July, 1916,

\$46,561, as against \$13,905,700 for July, 1915.

## Finance - Economics

GARET GARRETT, Editor.

WALL STREET OFFICE:  
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Hanover 6514.

## Significant Relations

Money and Prices:		Now.	A year ago.
Stock of money gold in the country.....	Latest report, June 30.	\$2,550,000,000	\$2,006,399,539
Loans of all national banks.....	June 30.	\$7,679,000,000	\$6,659,971,000
Ratio of their cash to deposits.....		9.3%	11.9%
Loans of Federal Reserve Banks.....	Last week.	\$109,178,000	\$42,839,000
Their note circulation, net.....		21,222,000	16,738,000
Their gold reserve against deposits and circulation.....		64.4%	82.1%
Average price of fifteen railroad stocks.....	Yesterday. The day before. A year ago.	118.13 94.07	118.74 107.78
Average price of twelve industrial stocks.....		180.73	177.44
Food cost of living (Analyst index number)		100	139.44

Production:		July.	June.	A year ago.
Unfilled U. S. steel orders, tons.....	Latest report.	9,593,592	9,640,458	4,928,850
Wheat crop, bushels.....	Latest gov't forecast.	1,012,000,000		
Corn crop, bushels.....		2,777,000,000		3,055,000,000
Cotton crop, bales.....		12,916,000		11,191,820
Distribution:		August.	July.	A year ago.
Surplus freight cars.....		10,616	52,116	264,243
Gross railroad earnings.....				
Bank clearings.....				

Wednesday, August 30, 1916.

The behaviour of the stock market in the face of an incomparable labor crisis on all the railroads of the country is a valuable commentary on the state of Stock Exchange speculation. There is no thinly margined structure for bearish operators to upset. There is no reason why the investor should sell stocks on the probability of a strike. What should he do with the money? How should he choose which of his holdings to part with? The struggle would affect everything more or less, but it would not permanently alter the investment value of securities, except as it might result in dangerous political precedents, and those could be construed at leisure. Speculators sell stocks for a fall only when declining quotations may be expected to induce liquidation on the part of weak holders—that is, when the owners of margined equities can be intimidated and shaken out. If there had been reaped in commission houses a large, topheavy speculative account, the effect of this railroad crisis upon prices would have been exciting enough.

Such declines as took place were unimportant, and were no greater in railroad shares than in others. There is a feeling in Wall Street that a strike will not be allowed to occur—that something in time will be done to prevent it. This is a feeling only. Rationally, the danger is well understood and nobody is indifferent to the consequences, but a calamity in which the whole country would be involved and which, by its very nature, would soon pass away, should be treated philosophically if possible. Besides, the stock market is not the volatile, hysterical thing it once was. This is as the London market would have taken a strike of British railroad trainmen before the war.

The railroads "have thought it best that they should be forced to yield, if they must yield," said President Wilson, "not by counsel, but by the suffering of the country." It would have occurred to almost any one else to add: "And the brotherhoods have thought it best that they should win, if win they must, not by arbitration, but by the suffering of the country." Wherein is the difference, except in prejudice?

## Sanitary Economics.

W. C. Gorgas, surgeon general, U. S. A., who cleaned up Panama, has an article in the "Constructive Quarterly" which he calls "Sanitation and Morality." Into it he has crowded nearly all the wage fallacies that have ever been believed. He has looked over the world and has found it full of poverty. He is not willing to say, with Shaw, "The trouble with the poor is poverty; let them alone." He is for curing it. People must stop being poor. The way to banish poverty is to raise wages. It is very simple. If people had more they could live better. So he proceeds:

New wages are affected on the one hand by the number of persons competing for employment, and on the other hand by the number of jobs we have for these persons. If the number of jobs is greater than the number of persons competing, wages will be high and tend steadily to increase, until finally each man gets all he produces. Beyond this point wages cannot increase. If the number of persons seeking employment is greater than the number of jobs, wages will decrease and continue to decrease to a point below which the laborer cannot go and maintain life.

As matters stand there are too many people and too few jobs. Nat-

urally one thinks of reducing the number of people, which would perhaps be easier than to increase the number of jobs. Dr. Gorgas considers the easier course in the way of rejecting it:

I will not consider the question of decreasing the number of people applying for employment. No humanitarian would consider for a moment such measures, though they would be very easily brought about. Any sanitary course would greatly improve the condition of those who were left. Wages for several years would be higher, and living conditions, therefore, among the poorest very much better. Europe is now trying this measure on a very large scale. When this war is over there will be many millions fewer persons in Europe competing for jobs than there were when it commenced, and there will be very many million dollars of wealth destroyed which will have to be replaced. This will mean that in Europe, for several years to come, bread jobs will be seeking the men, rather than the men the jobs. Wages will steadily increase, and the poverty of the poorest classes will be alleviated. Properly, I dare predict, will be very general.

It is a dangerous and thrilling thought. Dr. Gorgas ought to be careful. Some fanatic might be minded to improve the lot of posterity, for at least one generation, by spreading the germs of a terrible plague. Who should condemn him ultimately? Though he were hanged in the present, he might be memorialized in the future by a prosperous generation. On this line of reasoning infantile paralysis is, of course, an economic blessing for the future. But this is too ghastly. Dr. Gorgas considers the other course. A way must be found to make more jobs. His first denounces the present system:

Under our present system, the laborer being more numerous than the jobs, the tendency is inevitable for wages gradually to decrease until they reach and pass below the starvation point. And in such a civilization as ours the poorest class of laborers is constantly starving and disappearing from want and the other concomitants of extreme poverty.

This is said in the face of the fact that wages, whether you take them in money or in their power over goods, have been rising for several generations, or, in fact, since there began to be statistics, which is to say, roughly, since the beginning of the mechanical era, which multiplied the productivity of the individual many times, extending his arms, his legs, his eyes and his voice. The tendency for wages to go below the starvation point is not discernible to the naked understanding. But there remains still the problem of how to increase the number of jobs. The great sanitarian here begins to be a bit hazy. He suggests a form of single tax which would force a lot of unused areas into cultivation and restore the man to the land. Beyond that the thing to do everywhere is to raise wages. He concludes:

I appeal to you from the point of view of Christians to take part in all measures that tend toward increase of wages, with the object of putting our fellow man in such position that he will be able to adopt the teachings and morals of Christianity. I urge upon you the consideration of the question as to whether or not the greatest and most efficient of all these measures is not such taxation of land values as will force into use all unused lands.

Dr. Gorgas is under the tyranny of a phrase. That condition of wages in which the laborer gets all he produces is known, he says, as "natural wages." He thinks all of us would get natural wages if the monster of monopoly had not somehow interfered. If the writer will

make an intensive survey of those laborers in this country whose condition may be thought to approximate the happiness of natural wages, those who do get all they produce, namely, the small farmer, he will find among them the chronic complaint. Their wages are barely enough to live on. How will Dr. Gorgas raise them? There would be only one way. The price of wheat might be doubled. That would increase the farmer's money wage, but after a very short time he would find that his real wage was the same as before, because prices would have risen until \$2 would buy no more than \$1 did; which is to say, he could exchange a pig or a bushel of wheat for no more than before his wages were doubled. Therein is the main fallacy.

There is only one way to increase wages really. That is to increase production. The more goods people produce the more goods they may consume. It is not a question of division, except temporarily, where money wages may for a time get a little ahead of prices, or conversely. Proof that it is not a question of division is that although actual and money wages have been rising for a long time, so that everybody now consumes more than was consumed a generation ago, the rich are no less rich. It is customary to say that the rich grow richer and the poor grow poorer. It is not so. The rich are richer and the poor are less poor, and this is possible only because the productivity of the economic unit has been wonderfully increased.

The prosperity that comes from an increase in money wages alone, as in the belligerent countries, is an illusion. What has happened there is that money wages have risen faster than prices, owing to the abnormal demand for labor, so that the laborer commands temporarily more goods in exchange for his labor, but prices ultimately will overtake him and he will be no better off than before, unless in the meantime he has increased his own power of production, or has allowed it to be increased for him, by means of labor saving devices and efficient management. And this excess of money wages, creating the illusion of prosperity, is paid in each country out of capital. A terrific price may have to be paid for this. If Europe is really prosperous after the war it will be owing, not to the rise in wages nor to the scarcity of labor, but to a stimulation of human productivity.

There is now in this country a reflection of the European illusion. Money wages have been rising faster than prices, so that labor is able to command, as abroad, more goods in exchange for its work, but the excess is paid out of Europe's capital. And for this a terrific price may have to be paid later. The other side of it is that when prices rise faster than wages, there is a decline in actual wages; for the same amount of money in his pay envelope the laborer is able to buy less. Then money wages ought to be raised, but raising them in that case is merely to restore actual wages to where they were.

## Money and Credit.

Call money at the New York Stock Exchange was somewhat firmer. The ruling rate was 2½ per cent, against 2½ per cent steadily for several weeks. It is feared that rates will rise when payments become due Friday on the subscriptions to the British loan.

Time money also was a little firmer. Rates were 2½ to 3 per cent for sixty days, 3 to 3½ per cent for ninety days, and 3½ to 4 per cent for longer periods. These are rates for money loaned on brokers' mixed Stock Exchange collateral.

Commercial Paper.—There is still a very good market in Wall Street for commercial paper at 3½ to 3¾ per cent for sixty and ninety day maturities. Official rates of discount at each of the twelve Federal Reserve banks are as follows:

	10d.	30d.	60d.	90d.
Boston.....	3	3 1/2	4	4
New York.....	3	4	4	4
Philadelphia.....	3 1/2	4	4 1/2	4 1/2
Richmond.....	4	4	4	4
Atlanta.....	4	4	4	4
Chicago.....	3 1/2	4	4 1/2	4 1/2
St. Louis.....	3	4	4	4
Minneapolis.....	4	4	4	4 1/2
Kansas City.....	4 1/2	4 1/2	4 1/2	4 1/2
Dallas.....	4	4	4	4
San Francisco.....	3	3 1/2	4	4 1/2

Bank Exchanges.—The day's clearings at New York and other cities:

	Exchanges.	Balances.
New York.....	\$416,738,687	\$25,373,676
Baltimore.....	5,707,200	674,316
Boston.....	24,063,635	3,263,752
Chicago.....	60,070,210	4,090,895
Philadelphia.....	37,974,636	4,178,009
St. Louis.....	15,044,553	2,711,704

Sub-Treasury.—New York banks lost to the Sub-Treasury \$1,098,000. Silver.—Bars in London, 32 pence. Bars in New York, 67½ cents. Mexican dollars, 51½ to 55½ cents.

Gold Shipment.—A shipment of 2,500,000 in gold from Canada was received yesterday at the Assay Office for the account of J. P. Morgan & Co. This makes a total of nearly \$230,000,000 in gold received on the present movement, which began on May 11.

British Loan.—A dispatch to Dow Jones & Co. from Boston says: "It is

understood that in proportion to size Chicago took four times as many of the British bonds recently sold through the Morgan syndicate as it did of the Anglo-French loan when the latter was floated last year."

## The Dollar in Foreign Exchange

German marks declined to a new low record of 70 13-16, which means 70 13-16 American cents for four marks. Russian rubles were very active again, advancing to 34 1/2 American cents per ruble, which is the highest point of this movement and represents the remarkable gain of 4 cents per ruble in one week.

The closing rates of exchange on the principal financial centres of Europe were as follows:

	Yesterday.	ago.
Sterling, demand.....	4.75	4.75 1/2
Sterling, sixty days.....	4.71 1/4	4.71 1/4
Sterling, cables.....	4.76 1/2	4.76 1/2
Sterling, ninety days.....	4.69 1/2	4.69 1/2
Francs, demand.....	5.90	5.90 1/2
Francs, cables.....	5.89 1/4	5.90 1/2
Guillemers, checks.....	41 1/4	41 1/4
Guillemers, cables.....	41 1/4	41 1/4
Reichsmarks, checks.....	70 1/2	72
Reichsmarks, cables.....	70 1/2	72
Lire, checks.....	64 7/8	64 7/8
Lire, cables.....	64 7/8	64 7/8
Swiss, checks.....	5.29 1/2	5.29 1/2
Swiss, cables.....	5.28 1/2	5.28 1/2
Austrian, kronen, checks.....	12.30	12.40
Stockholm, kr., checks.....	28.70	28.60
Copenhagen, kr., checks.....	28.50	28.40
Pesetas, checks.....	20.14	20.15
Rubles, checks.....	34.50	30.75

Below is given the current exchange value of foreign money in dollars and cents, together with the intrinsic gold parity as calculated by the United States Mint:

	Current	Intrinsic
Pounds sterling.....	\$4.75	\$4.86 1/2
Francs.....	0.17	0.19 1/2
Guillemers.....	0.41 1/4	0.402
Starks.....	0.177	0.238
Rubles.....	0.345	0.512

The above rates express the cost of foreign money in terms of the American dollar. You buy an English pound sterling for \$4.75; the intrinsic parity is \$4.86 1/2 per pound. Thus, you say either that pounds are at a discount or that dollars are at a premium, which is owing to the fact that in England the demand for dollars with which to settle accounts in this country is greater than the demand in this country for pounds with which to settle accounts in England.

If you calculate the cost of the dollar in terms of foreign money—that is, as if you were buying dollars with pounds, marks or francs—its value yesterday and a year ago would be about as follows:

	Cost of one dollar.	A year ago.
In English money.....	\$1.02	\$1.03
In French money.....	1.14	1.15
In Dutch money.....	97.4	100
In German money.....	1.34	1.17
In Swiss money.....	1.02	1.02
In Swedish money.....	1.00	1.03
In Russian money.....	1.48	1.51

## JAPAN'S RISE IN WORLD FINANCE

She Has Increased Her Investment in British Securities to \$50,000,000.

Japan, with the large credits she has accumulated in this and other countries because of her favorable trade balance, has increased her purchases of British Treasury bills to \$50,000,000. It was announced in The Tribune on August 12 that \$30,000,000 of those securities had been paid for largely with New York funds.

New York representatives of one of the most important Japanese banks said yesterday that while the prime purpose of this purchase was to aid Great Britain's plans to finance its huge war bills it was also regarded as a good investment for funds which would otherwise draw a much lower rate of interest.

Financially, Japan was never such a power in the world before. She has redeemed large quantities of Japanese bonds held in Great Britain and France in addition to making these investments in British Treasury bills. She has an aggregate gold reserve of \$300,000,000. Money is abundant in Tokyo, and the result is reflected in the high prices and activity on the Tokio Stock Exchange.

Japanese shipping companies, in particular, are piling up enormous reserves and increasing their fleets. The bulk of their profits is going into capital, while the government subsidies continue to secure their dividends.

Cotton spinning, the chief of Japan's industrial industries, is in a similar condition. Business is at record levels, and while profits and prices have gone up, the wages of the operators are stationary at almost the lowest mark in the world. The increase of spindles is much greater than the increase of employees.

Another distinctive feature of the present industrial conditions is the number of new industries which have been created through the cessation of German exports. A recent investigation by the Department of Commerce showed ten new industries in existence as the result of the war. These are: Dye, dyestuffs, chemicals, glass wares, celluloid, paper, pulp, phosphorus, potassium, chloride and soda.

## NEW ACTIVITIES IN GERMANY

Boom in Motor Tire Industry on Deutschland's Arrival.

## SHIPYARD TO BUILD UNIFORM FREIGHTERS

An International Acceptance Bank Founded on the English Model.

(Wireless via Saville to The Tribune.)

By ERNST KAHN.  
Berlin, August 30.

Italy's declaration of war entails no economic consequences in Germany, as already Italy had entirely discontinued commercial relations, had seized interned German ships and, imitating Great Britain, had placated the anti-German propaganda by proscribing all trade with dissolved and confiscated German firms. Also the Italian government has ordered a census of foreign securities in German hands, probably intending to realize on them later, after the English model.

Subscriptions to the new German 5 per cent war loan will be open all of September. Instalments will be payable until February. The price is 98. Treasury bills, due 1926, bearing 4½ per cent interest, are again being offered. The price is 95. The money market is easy.

Two former managers of the Deutsche Bank, Schiff and Mueller, assisted by several home and foreign groups, have bought the old Berlin banking firm of Kretzschmar, and will found an international acceptance house on the English pattern.

The arrival of the Deutschland, with her cargo of rubber, was followed by a boom in the motor tire industry.

The president of the German Potash Syndicate ascribes the decline in this year's American grain production to the cessation of potash exports from this country to yours.

Herr Ballin has founded a new shipyard at Hamburg, where will be built German freighters of uniform dimensions and type.

The Kaiser Wilhelm Institute for Fuel Conservation, founded by large mining interests to study the better use of coal, has published its first report. The results are already surprising. Ways have been found to extract valuable oils from the waste. Some other results are withheld from publication until after the war.

The Steel Association has discontinued exports to neutral countries.

## WILLYS-OVERLAND BALANCE SHEET

From Sale of New Stock \$20,000,000 Cash Will Remain.

The bankers who underwrote the \$15,000,000 issue of common stock of the Willys-Overland Company, not taken privately, will make public within a few days a balance sheet of the company's current condition. This will show, they say, a free cash balance in excess of \$20,000,000. The money derived from the sale of the new stock will be used partly to wipe out bank loans aggregating \$7,500,000 and other current liabilities.

It was pointed out in investment circles yesterday that the subscription rights to the new stock at \$44 a share, based on the present market price, will not have any value until the stock sells above 45½, after which, for every three-eighths of a point advance, the rights will be worth 4, or 25 cents.

With the new stock offered at 44 Willys-Overland shareholders are asked to contribute \$26,400,000 to the company's treasury.

Anglo-French Bond Dividend. The special dividend of 23½ per cent on the common stock, declared by the Du Pont Powder Company yesterday, payable 5½ per cent in cash and 19½ per cent in Anglo-French bonds at 97½, makes the third distribution the company has made of this kind.

On February 21 a dividend of 19 per cent in Anglo-French bonds was declared at 95, and on May 29 the dividend in the bonds amounted to 19½ per cent at 95.

Daily Imports and Exports. Daily imports and exports of general merchandise at the Port of New York were:

	Imports.	Exports.
Wednesday, Aug. 30.....	\$3,534,306	\$14,819,485
Tuesday, Aug. 29.....	5,014,074	10,698,240
Monday, Aug. 28.....	2,850,100	9,476,525
Saturday, Aug. 26.....	2,293,328	8,398,048
Friday, Aug. 25.....	2,343,800	5,196,855
Thursday, Aug. 24.....	3,985,455	5,465,523
Wednesday, Aug. 23.....	3,504,098	19,866,933
Tuesday, Aug. 22.....	4,999,569	12,986,334
Monday, Aug. 21.....	3,657,661	16,382,648